

ABSTRACT

A double-chamber type heat-treating furnace
comprises a hermetically closable cooling furnace, a
5 hermetically closable heating furnace, and a transfer unit.
The transfer unit has free rollers disposed within the
heating and cooling chambers and for supporting the object
at only both ends in a direction of width thereof, a push-
pull member moving while being engaged with the object to
10 push or pull the object, and a drive unit provided at a
position adjacent to the heating chamber on a side
opposite to a side on which the cooling chamber is
disposed and driving the push-pull device.